

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-5 (Canceled).

6. (Currently Amended) Positive electrode material according to claim ~~4~~18,

wherein:

the mean diameter of the primary particle is 0.2 to 10  $\mu\text{m}$ .

7-11 (Canceled).

12. (Currently Amended) The lithium secondary battery for an automobile according to claim ~~4~~14, wherein the mean diameter of the primary particle is 0.2 to 10  $\mu\text{m}$ .

13. (Canceled).

14. (Currently Amended) ~~The~~ A lithium secondary battery for an automobile according to claim ~~10~~, comprising:

a positive electrode made of the positive electrode material, a negative electrode, and a non-aqueous electrolyte,

wherein the positive electrode material comprises a plurality of secondary particles, each of the secondary particles comprising:

a plurality of primary particles composed of planar crystals having a layer structure of a composite oxide represented by  $\text{Li}_a\text{Mn}_x\text{Ni}_y\text{Co}_z\text{O}_2$  where  $1 \leq a \leq 1.2$ ,  $0 \leq x \leq 0.65$ ,  $0.33 \leq y < 0.5$ ,  $0 \leq z \leq 0.65$  and  $x+y+z=1$ , the primary particles being flocculated and linked to form the secondary particle,

wherein a length in which the plurality of primary particles are linked on a section of the secondary particle through a substantial center of the secondary

particle is equivalent to 10 to 70% of the length of the whole periphery of the plurality of primary particles on the section of the secondary particle; and

wherein a voidage of the secondary particle is 2.5 to 35%.

15. (Canceled)

16. (Currently Amended) ~~The~~ A lithium secondary battery for an automobile according to claim 15, comprising a positive electrode comprising a plurality of the secondary particles, a negative electrode and a non-aqueous electrolyte, each of said secondary particles comprising:

a plurality of primary particles composed of planar crystals having a structure of a composite oxide represented by  $\text{Li}_a\text{Mn}_x\text{Ni}_y\text{Co}_z\text{O}_2$  where  $1 \leq a \leq 1.2$ ,  $0 \leq x \leq 0.65$ ,  $0.33 \leq y < 0.5$ ,  $0 \leq z \leq 0.65$  and  $x+y+z=1$ , the primary particles being flocculated and linked to form the secondary particle,

wherein a length in which the plurality of primary particles are linked on a section of the secondary particle through a substantial center of the secondary particle is equivalent to 50 to 70% of the length of the whole periphery of plurality of primary particles on the section of the secondary particle; and

wherein a voidage of the secondary particle is 2.5 to 35%.

17. (Currently Amended) The lithium secondary battery for automobile according to claim ~~15~~16, wherein the mean diameter of the primary particle is 0.2 to 10 $\mu\text{m}$ .

18. (Currently Amended) Positive electrode material ~~according to claim 1~~, wherein:

plural primary particles of planar type are flocculated and a secondary particle is formed;

length in which the plural primary particles are linked on the section of the secondary particle is equivalent to 10 to 70% of the length of the whole periphery on the section of the plural primary particles;

the secondary particle is represented as  $\text{Li}_a\text{Mn}_x\text{Ni}_y\text{Co}_z\text{O}_2$ ;

the secondary particle is composed of crystals having layer structure of composite oxide meeting  $1 \leq a \leq 1.2$ ,  $0 \leq x \leq 0.65$ ,  $0.33 \leq y < 0.5$ ,  $0 \leq z \leq 0.65$  and  $x+y+z=1$ ;

and

voidage of the secondary particle is 2.5 to 35%.

19. (Currently Amended) Positive electrode material according to claim 418, wherein voidage of the secondary particle is 2.5 to 10%.

20. (Currently Amended) The lithium secondary battery for automobile according to claim 4516, wherein a voidage of the secondary particle is 2.5 to 10%.

21. (Currently Amended) The lithium secondary battery for an automobile according to claim 4014, wherein a voidage of the secondary particle is 2.5 to 10%.